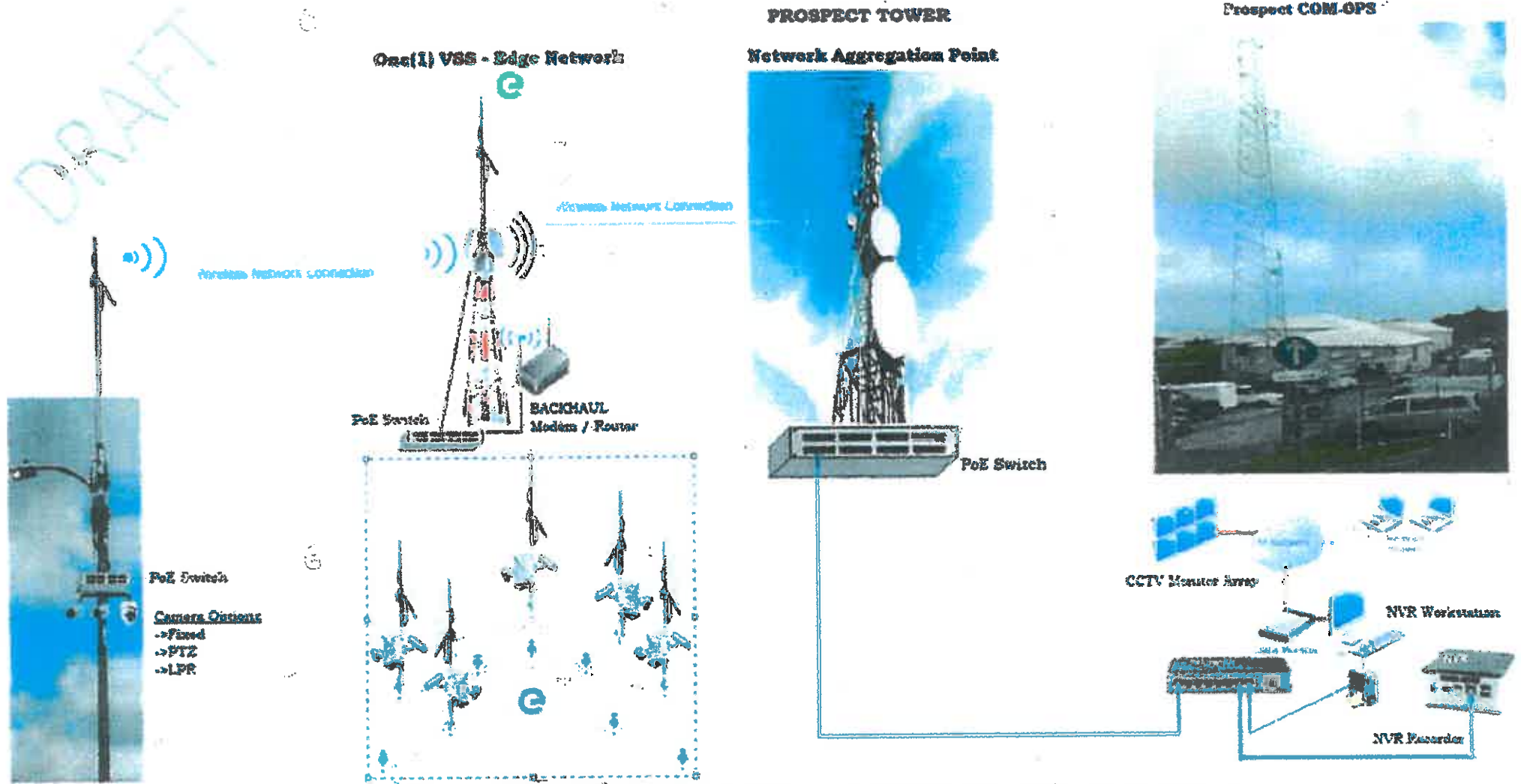


Video Surveillance System(VSS) to CCTV Operations– Overview of PHYSICAL INFRASTRUCTURE as at:



Video Surveillance System(VSS) and CCTV: Workflow Entities

1	2	3	4
VSS-Camera Location Network	Edge Transmission Networks (using Router)	BACKHAUL Network	Control Room
Active component: ->Camera – Image capture via onboard SD. ->Antenna – Transmission. ->Circuit Switch – with Routing redundancy. ->Modem Transmission Interface and capacity. NB. Data transmission is secured due to WI-FI encryption.	Active components: ->Antenna – Transmission. Circuit Switch – with Routing redundancy. ->Modem Transmission interface and capacity NB. Data transmission is secured due to WI-FI encryption.	Active components: ->Antenna – Multiple Transmission. Circuit Switch – with Routing redundancy. NB. Data transmission is secured due to WI-FI encryption.	Active components: ->Switch() ->CCTV control room and HR resources. ->Data Monitor and Computer ->Multiple Network Video ->Recorders(NVR=3) NB. Data transmission is secured due to WI-FI and additional network security methodologies. (i.e. Firewall, etc.)

TYPICAL EQUIPMENT AT CAMERA SITES 14-15

